

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2005/000317

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F28F 3/08, F28F 13/08 // F28F 13/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: F28D, F28F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2054817 A (THE A.P.V. COMPANY LIMITED), 18 February 1981 (18.02.1981) --	
A	SE 415928 B (ALFA-LAVAL AB), 10 November 1980 (10.11.1980) --	
A	SE 514326 C2 (APV HEAT EXCHANGER AS), 12 February 2001 (12.02.2001) --	

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance  
 "E" earlier application or patent but published on or after the international filing date  
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
 "O" document referring to an oral disclosure, use, exhibition or other means  
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
 "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
 "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
 "&" document member of the same patent family

Date of the actual completion of the international search

23 May 2005

Date of mailing of the international search report

03 -06- 2005

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACT OF JAPAN vol. 0186, no. 33 (M-1714), 2 December 1994 (1994-12-02) & JP 6241672 A (HISAKA WORKS LTD), 2 September 1994 (1994-09-02) abstract  --	
A	PATENT ABSTRACT OF JAPAN 1996, no. 02, 29 February 1996 (1996-02-29) & JP 7260385 A (HISAKA WORKS LTD), 13 October 1995 (1995-10-13) absract  --	
A	SE 470339 B (ALFA-LAVAL THERMAL AB), 24 January 1994 (24.01.1994)  --	
A	WO 8502670 A1 (ALFA-LAVAL THERMAL AB), 20 June 1985 (20.06.1985)  --	
A	GB 1357282 A (ALFA LAVAL AKTIEBOLAG), 19 June 1974 (19.06.1974)  --	
A	US 4781248 A (PFEIFFER), 1 November 1988 (01.11.1988)  --	
A	US 4749032 A (ROSMAN ET AL), 7 June 1988 (07.06.1988)  -- -----	

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